

RADIUM IS NOT CERTAIN CURE

Warning Against Exaggerated Idea of Value of Cancer Cases

New York, Dec. 26.—The American Society for the Control of Cancer fears that exaggerated ideas of the power of radium in the treatment of cancer may result from the recent publicity given to this agent in the daily press. It appears highly important at the present time that the limitations of radium in the control of cancer should be emphasized as well as its favorable effects in certain cases. Otherwise the familiar story of new hopes, destined only to disappointment, will again be recorded at the expense of many unfortunate sufferers.

The curative effects of radium are practically limited today to superficial cancers of the skin to superficial growths of mucous membrane which are not true cancers, and to some deeper lying tumors of bone, etc., which are not very malignant. The problem of the constitutional treatment of advanced, inoperable cancer is still advanced by any method yet devised or likely to be devised for administering radium. Even among the so-called radium cures, it still remains to be determined in many cases whether the favorable result is permanent or is to be followed sooner or later by the usual recurrence. The most competent surgeons do not dare to pronounce a case cured until five years have elapsed after an apparently successful operation. The same test must be applied before we can finally determine the real value of radium.

It should be emphasized especially that radium cannot at present exert any permanent benefit on generalized cancer, and since cancer in a very large proportion of cases is widely disseminated in the body early in the group of cases can expect no important relief from radium. Another large group of cancers is comparatively inaccessible to the application of radium, so that the ultimate course of the disease is not affected, although certain portions of the tumor may be reduced in size. Again, many forms of cancer, although localized and accessible to radium, grow very rapidly and resist the curative action of this agent, so that no real benefit can be expected from its use.

The best results of radium therapy can be secured only when comparatively large amounts are available for use and the present limited world supply of this metal places it out of reach of the great majority of patients. It is to be feared that much harm may result from undue reliance upon small quantities of low grade radium when other methods of treatment would be more effective.

Evidence of the possible extent of popular misconception on this subject is found in a pathetic letter recently received at the New York health department from a sufferer in California who had somehow obtained the impression that the United States government was about to purchase large quantities of radium from abroad. Assuming that the "New York city physician" would have a plentiful supply, the writer asked that some be sent to him C. O. D. without delaying to advise him as to the cost.

Under the term "cancer" are commonly grouped several diseases which differ widely in nature, causation, and course, and in their response to radium. It requires both skill and experience to determine just what type of cancer one has to deal with as well as the advisability of using radium. Hence, it is extremely difficult to formulate an accurate statement of the true position of radium therapy; but it is quite clear that the exploitation of this remedy as a cure of cancer in general is to be deprecated.

The South Indian railway's mileage at the close of 1912 totaled 1,825, of which 146 miles were 4-5-foot gauge, 1,265 miles 3.25-foot gauge, and 44 miles 2.5-foot gauge. The system's annual earnings amounted to \$8,781,290.

Carefully Select Your Fur Garments

We sell at more moderate prices, give better quality and produce better styles than other fur dealers, because we are manufacturers and importers of the fur garments of our business is the largest of any fur house in the Northwest.

We carry the most complete line of ladies' and gentlemen's fur garments for street wear, automobile, and fur coats and small fur pieces for evening wear.

If you will pay you to come to Milwaukee and see this splendid assortment of fashionable and attractive fur garments, remodeling and alteration of fur receive our usually careful attention.

Also a complete line of automobile coats, caps, robes, etc. Outfits for men and women.

Reckmeyer's
Furriers and Importers
101 Wisconsin Street Milwaukee

IN THE CHURCHES OF CALUMET AND VICINITY

Local Pastors Are Invited to Contribute to This Department Which Will Appear Each Saturday. All Notices Free of Charge.

Pastors of most of the churches of the copper country in their sermons tomorrow will refer to the terrible disaster of Wednesday night. Pastors of several of the churches made touching references to the affair in their sermons Christmas day. In most of the churches Christmas musical programs will be given either in the morning or in the evening, however, while in those which held services Christmas day or gave Christmas musical programs last Sunday, these programs will be repeated.

SPECIAL CHRISTMAS MUSIC

Rev. Luther K. Long, of the Calumet Congregational church, announces there will be special Christmas services, both morning and at 1 o'clock afternoon service, taking the place of the usual evening service. In the morning the choir will repeat the Christmas music and Rev. Long will preach a sermon on "The Coming of the Savior." His afternoon sermon subject will be "The Reign of the King." He will also refer to the sad affliction through which the community is passing.

The program for the afternoon service at 1 o'clock follows:

Organ voluntary—Miss Engstrom. Anthem—It Came Upon the Midnight Clear—Arthur Sullivan. Obligation solo by Mrs. Penhallegan. Scripture reading.

Hymn—Congregation.

Prayer.

Anthem—There Were Shepherds Abiding in the Field—Charles Vincent.

Offering.

Anthem—Sing, O Heavens.

Solo—Arthur Reed.

Address—The Reign of the King—Rev. Long.

Solo—Silent Night—Mrs. Gardner.

Benediction.

During the morning service Sidney Johns will sing.

NORWEGIAN LUTHERAN.

At the Norwegian Lutheran church, the pastor, Rev. S. Romsdahl will deliver a sermon on "A Sign of Great Moment." In the evening there will be a musical program that promises to prove one of the most interesting that has been prepared this season. The program is as follows:

Large (piano and organ). Handel.

Hymn, Congregation.

Invocation, Rev. S. Romsdahl.

Unfold Ye Portals (Redemption) Romsdahl, choir.

(a) Deilig er Jorden, (P. M. Christiansen); (b) Taenkt naar Engang (P. M. Christiansen), vocal solo by Miss Mildred Romsdahl.

Sound an Alarm (Judas Maccabeus) solo by Sidney Johns.

Offertory.

Romance, (Svendsen), piano and organ.

Almighty Lord, Cavalleria Rusticana.

Solo song and (P. M. Christiansen), choir, with solo by Miss Edith Romsdahl.

LAURIUM M. E.

Rev. A. B. Cuthbert of the Laurium M. E. church will preach a sermon on the disaster at the morning service, and in the evening the choir will give a musical service, with a short address by the pastor. The subject of the morning sermon will be "New Year's Resolutions." Christmas exercises will be held in the church by the Sunday school this evening.

CHRIST'S EPISCOPAL

Rev. J. A. TenBroeck of Christ's Episcopal church announces that Bishop Williams of the Marquette diocese will come to the copper country shortly and will visit the Calumet church on Jan. 3, a week from tomorrow. In his sermons tomorrow Rev. TenBroeck likely will refer to the catastrophe of Wednesday night.

OSCEOLA M. E.

Thomas Cruise will conduct services at the Osceola M. E. church Sunday morning and Rev. H. H. Collycott will preach in the evening. The choir will render Christmas music at the evening service. The Sunday school Christmas exercises will be conducted this evening.

CENTENNIAL M. E.

A special carol service, appropriate to Christmas, will be given at the Centennial M. E. church Sunday evening. Rev. Strike will preach in the morning, touching upon the Red Jacket horror.

CALUMET M. E.

Rev. C. L. Adams of the Calumet M. E. church will speak on the subject "God in the Calumet" Sunday morning and the evening sermon will be on the topic "A Resurrection."

ALLOUEZ M. E.

Rev. J. J. Strike will preach at the Allouez M. E. church tomorrow afternoon at 2:30. In the evening, at 8:00, District Superintendent W. E. Marvin of Hancock will preach.

CALUMET BAPTIST.

John W. Palmer, boys' secretary of the Calumet Y. M. C. A. will speak at the Calumet Baptist church tomorrow morning. In the evening the choir will render a service of song.

BOSTON M. E.

Rev. Collycott will preach at the Boston M. E. church Sunday afternoon and G. Tucker will be in charge of the evening service.

FIRST PRESBYTERIAN.

Rev. Daniel Stalker will preach Sunday morning at the Calumet Presbyterian church.

MAY SEE COMET WITH NAKED EYE

Astronomers Think Rapid Approach Will Make This Possible

Delevan's comet, the latest stranger in the sky to come within range of the telescopes of expert star gazers, may be visible to the naked eye soon. The faintly bearded object apparently is drawing nearer the earth, although up to the present it was not to be seen by a less powerful glass than the five-inch finder of the great telescope at the naval observatory in Washington.

Scientists are keenly interested in the comet, which was discovered by Paul H. Delavan of the Argentine naval observatory at La Plata. It was first observed in this country by Prof. Asaph Hall, U. S. N., at the naval observatory Dec. 18, and observations have been taken nightly since. Reports also have been received of observations in Europe Thursday.

When the observation was taken in Washington the comet was visible in the five-inch finder of the large telescope. It has a bright nucleus, and on the night of Dec. 19 it showed a fairly bright nucleus, surrounded by nebulous formations and appeared to have a faint tail following. It was not visible in the two-and-one-half-inch finder. On the night of Dec. 22 there was considerable haze, so that no tail was to be seen.

Amateur astronomers with small glasses may see the comet, Prof. Hall said, by using the star Zeta Eridani for a starting point.

"The comet is approximately 14½ minutes of time west of this star," he explained, "and north of it 2½ degrees. It is moving west about 54 seconds of time per day, north about 5½ minutes, but there has not been enough motion so far to compute an orbit."

This is the sixth comet discovered this year. The one that has attracted the most attention was found by Neujmin on Sept. 6. This was a very small body and showed only the slightest trace of nebulosity, its appearance being rather that of an asteroid.

TRANSATLANTIC TELEPHONE.

No Communication Yet Between Germany and America.

Berlin, Dec. 27.—Owing to a misinterpretation of the speech made by Admiral Emsmann at the annual meeting of Shipbuilding Technicians news has transpired that an exchange of wireless telephone messages had taken place between Germany and America by means of the Goldschmidt system. This misapprehension the Admiral has made haste to correct.

The Admiral, in commenting on the reported wireless telephonic communication between Nauen, near Berlin, and the German warships in the Atlantic, said that before long Atlantic liners must be provided with a telephone exchange allowing through communication to any telephone subscriber in Berlin, Paris, and London with passengers in mid-ocean.

He said that the first Goldschmidt station in Hanover is now able to have constant communication in broad daylight, even when the midday sun is above the mid-Atlantic, with the Goldschmidt station in New Jersey. He then explained that this was possible through the employment of a new instrument giving the sound of each tap of the Morse receiver fully in a musical note.

Hitherto daylight communication had been almost impossible, owing to aerial storms, which mixed with the sound of each message as received like the sound of machine gun fire with the sound of field artillery, making it exceedingly difficult to read a message.

Herr Goldschmidt has now discovered a musical note which has weathered those storms perfectly, with the result that a message in English was transmitted faultlessly a few days ago at two in the afternoon (Berlin time, which meant mid-day in mid-Atlantic).

It was Admiral Emsmann's illustration by means of a whistle of how the sound was received by the Goldschmidt system which probably led to the false belief that the message had been telephonically transmitted.

From inquiries made in wireless circles it is understood that the Marconi company has been carrying out experiments in long-distance wireless telephony with a high-frequency transmitter similar to the Goldschmidt machine.

NEW USE FOR PRISON BOOKS.

The intelligent criminal sometimes finds the books from the prison library quite as useful in other ways as the aids to crime he has studied when at liberty. They have been employed very effectively as missiles to hurl at the head of an officer, and, marked in a particular way, they are useful to convey messages to other prisoners, and there are other uses. A prison chaplain found that a certain work on medicine was in great request. This seemed odd, as the prison was well supplied with doctors. The book was borrowed for its descriptions of the symptoms of illness. It was carefully studied as a scientific guide to the chattering of sickness.—London Chronicle.

TAMARACK M. E.

Service at the Tamarack M. E. church Sunday morning will be conducted by Rev. Collycott. James Kent will preach in the evening.

TERIAN CHURCH ON THE SUBJECT.

"The Foundation Fact of Christianity." In the evening he will speak on the subject, "The End of Things," in which he will refer to the Wednesday night calamity.

NEWS FORECAST OF THE COMING WEEK

Washington, D. C., Dec. 27.—A New Year without a public reception at the white house will be an altogether novel experience for Washingtonians next Thursday. The oldest member of the oldest inhabitants' association cannot remember a time when the year was ushered in without observance of the time-honored custom which has now been upset by decision of President Wilson.

There will be nothing in the way of entertainment to compensate the general public for the loss of what it has so long considered its special privilege of shaking hands with the president on New Year day. For those in official life, however, there will be numerous functions to mark the day. Secretary and Mrs. Bryan will give the customary state breakfast to the diplomatic corps, while other cabinet officers and those high in the government service will observe the day by keeping open house.

As usual, the first of the year will see a number of important measures of legislation come into operation. A number of new laws in the various states will be of more than ordinary interest and importance. The Barnes amendment to Nevada's divorce law will come into effect on Jan. 1. It requires an applicant for divorce to be a resident of the state one year instead of six months as heretofore. A stringent law for the curtailment of the liquor traffic will become effective in Arkansas. In Wisconsin the much-discussed "eugenic marriage" law will become effective. Workingmen's compensation laws will come into force in Connecticut, California and Ohio, the Ohio law being pronounced by experts to be the most advanced act of its kind in the country.

Many educational and scientific bodies will hold their annual meetings during the week. The American Association for the Advancement of Science will meet in Atlanta, the Archaeological Institute of America in Montreal, the American Philological association in Cambridge, Mass., the American Historical association in Charleston, S. C., and the American Political Science association in Washington, D. C.

MAY SOLVE CONTROVERSY.

Japanese Pastor Coming to Appeal California Land Act.

Tokio, Dec. 27.—Enthusiasm and faith in the success of his mission fill the Rev. Kakichi Tsunashima, a Japanese pastor in the Congregational church, who has been commissioned by his church to go to the United States and endeavor to help solve the California land question. His chief activity will be in making an appeal to Americans as Christians. He expects to sail for America Dec. 31 on the steamer Chiyo Maru.

Mr. Tsunashima reasons that true righteousness and civilization will in due course of time be appreciated. He thinks that the question of Japanese land ownership in California is too big a problem to be settled in a short time, and that it does not admit of a temporary solution. He will try to solve it on the broad basis of universal love and Christian brotherhood.

In fulfilling his mission Mr. Tsunashima expects to visit churches, pastors' associations, and other Christian organizations, and to write and preach his thoughts and ideals as opportunity offers. He says there may be faults and shortcomings on the part of the Japanese, but by his proposed undertaking he believes he can persuade his countrymen to a better mode of life.

In Oregon the law fixes a minimum wage of \$9.25 a week for adult women clerks.

AMUSEMENTS.

ROYAL THEATER
Next to Post Office, E. C. Richards, Mgr.

KALEM TWO REEL FEATURE

TONIGHT ONLY

The Battle of Fort Laramie

Showing a Vivid Incident of Early Frontier Days.

The terrific Indian attack culminating in the massacre of the soldiers at the Army Post, and the strategy of young Army Surgeon who avenges their death, form one of the most thrilling pictures of Frontier Days.

Little Kaintuck
Vitagraph Drama.

A Message From Home
Selig Drama.

COMING SUNDAY DEC. 28TH

A Special Officer
Lubin Two Reel.

MATINEE at 2:30

Watch for the Great Double Bill Dec. 31st and Jan. 1st.

BEAR IN MIND—Saturday and Sunday doors open at 6:45. Begin at 7 o'clock.

ROYAL Baking Powder

Absolutely Pure

Recognized everywhere and by experts as the very highest grade of baking powder—superior to other brands in purity, leavening strength and keeping quality.

Made from pure cream of tartar, the product of grapes, and the most healthful and useful of leavening agents.

Its use insures the bread, biscuit and cake against contamination from the cheap, improper or injurious ingredients from which lower priced baking powders may be made.

WINNERS IN CHESS.

Harvard and Princeton Beat Columbia and Yale.

New York, Dec. 27.—Harvard and Princeton won the honors over Columbia and Yale in the first round of the twenty-second annual intercollegiate chess championship. Harvard won from Columbia, the winner of the championship last year, three games to one, and Princeton defeated the Yale players 2½ points to 1½.

By a coincidence, the captains of both the Columbia and Harvard teams lost their games. Whitleman of Harvard being defeated by Leeds of Columbia and Bird of Columbia by Washburn of Harvard.

ARGENTINE MEAT COMING.

Concerted Effort To Be Made To Invade U. S. Market.

New York, Dec. 27.—What will be the largest consignment of meat ever shipped to this country will arrive here tomorrow aboard the Estro Grango from the Argentine republic. This will be the beginning of the concerted effort that is to be made to invade the American market with practically unlimited supplies of dressed beef, mutton and lamb by the largest independent Argentine meat concern.

KILLED BY TAXICAB.

Couple Returning From Christmas Dinner Dead.

New York, Dec. 27.—Miss Gertrude Lee, daughter of Colonel Philip P. Harvey, a retired United States army officer, was killed and her husband, Richard Lee, Jr., superintendent of transportation for the American Sugar Refining company, was seriously injured on their returning home from Christmas dinner at the house of a friend.

They were crossing the street and struggling under an umbrella against a driving rain when a limousine knocked them down and a taxicab ran over them.

PHI DELTA PHIS MEET.

National Convention of College Fraternities Opens.

Chicago, Ill., Dec. 27.—The annual national convention of the Phi Delta Phi fraternity has opened in this city with headquarters at the Hotel LaSalle. The society is the oldest and largest of the local fraternities. It was organized at the University of Michigan in 1869 and now has active chapters at more than forty of the leading law schools of America. Among its noted members are former President William H. Taft and Supreme Court Justice Charles E. Hughes. The present convention of the fraternity will continue two days, concluding tomorrow night with a banquet at which a number of prominent speakers will be heard.

English engineers assert that enough coal to last the world eight hundred years still is available in Newcastle.

In Melbourne no Sunday papers are permitted; no hotels are allowed to open their bars.

Regarding Your Bills

EVERY care is taken to see that your bill for Electric Service is absolutely correct. Your meter is thoroughly tested, carefully read. The days are getting shorter; Electric Illumination is necessary for longer hours, and your bills will naturally increase.

But if you believe there is any error, that the increase is out of proportion to the increased use of light, let us know. We want every consumer of Electric Current to receive Perfect Service and be thoroughly satisfied.

Houghton County Electric Light Company
Houghton Calumet Lake Linden